AMENDMENTS TO THE CLAIMS

1. – 12. (Cancelled)

13. (Currently Amended) A method of determining the coupling torque in a friction coupling with an electro-mechanical actuator comprising a supporting element axially supported in a housing and an axially displaceable setting element supported on said supporting element, the method comprising:

axially supporting the supporting element in the housing via an undisplaceably enclosed hydraulic medium; measuring the pressure in the hydraulic medium; and calculating the coupling torque in ~~a central controller~~ an electronic control unit as a function of the measured pressure and a lookup table of values for the actuator and the friction coupling; wherein an axial setting force of the actuator is controlled by the electronic control unit on the basis of the calculated coupling torque.

14. (Currently Amended) A method according to claim 13, wherein ~~an~~ the axial setting force of the actuator and a supporting force of the supporting element are calculated as a function of the pressure in the hydraulic medium, using a stored value for the effective face of the supporting element.

15. (Currently Amended) A method according to claim 14, wherein a coupling moment is calculated, using stored values for a friction value, and the friction face of the friction coupling is calculated as a function of the axial setting force of the actuator and the supporting force of the supporting element.

16. (Previously presented) A method according to claim 13 comprising controlling the pressure in the hydraulic medium in a closed control circuit by setting the actuator to a respective nominal value.

17. (Previously presented) A method according to claim 14 comprising controlling the pressure in the hydraulic medium in a closed control circuit by setting the actuator to a respective nominal value.

18. (Previously presented) A method according to claim 15 comprising controlling the pressure in the hydraulic medium in a closed control circuit by setting the actuator to a respective nominal value.

19. (Currently Amended) An assembly comprising:

a friction coupling with an electro-mechanical actuator, the actuator comprising a supporting disc axially fixed in a housing and an axially displaceable setting disc being axially supported on said supporting disc, wherein the supporting disc is provided in the form of an annular piston in an annular chamber filled with a hydraulic medium; ~~and~~ a pressure sensor element arranged in the housing for measuring the hydraulic pressure in the annular chamber; and an electronic control unit for calculating the coupling torque as a function of the measured pressure, wherein an axial setting force of the actuator is controlled by the electronic control unit on the basis of the calculated coupling torque.

20. (Previously presented) An assembly according to claim 19, wherein the pressure sensor element is connected to a branch line leading to the annular chamber.

21. (Previously presented) An assembly according to claim 19, wherein the pressure sensor element is introduced directly into the annular chamber.

22. (Currently Amended) An assembly comprising:

a friction coupling with an electro-mechanical actuator, the actuator comprising a supporting disc axially fixed in a housing and a displaceable setting disc which is axially supported on said supporting disc, wherein the supporting disc is provided in the form of an annular plunger; an annular housing with a cover inserted into the housing, which annular housing and cover form an annular chamber which is filled with a hydraulic medium; ~~and~~ a pressure sensor element arranged in fluid communication with the annular chamber for measuring a hydraulic pressure in the annular chamber, wherein the annular plunger acts on the cover; and an electronic control unit for calculating the coupling torque as a function of the measured pressure, wherein an axial setting force of the actuator is controlled by the electronic control unit on the basis of the calculated coupling torque.

23. (Previously presented) An assembly according to claim 22, wherein the cover is provided in the form of a flexible diaphragm.

24. (Previously presented) An assembly according to claim 22, wherein the cover is displaceable in the annular chamber and sealed relative thereto.

25. (Previously presented) An assembly according to claim 19, wherein the supporting disc is sealed relative to the annular chamber by sealing rings.

26. (Previously presented) An assembly according to claim 20, wherein the supporting disc is sealed relative to the annular chamber by sealing rings.

27. (Previously presented) An assembly according to claim 21, wherein the supporting disc is sealed relative to the annular chamber by sealing rings.

28. (Previously presented) An assembly according to claim 22, wherein the supporting disc is sealed relative to the annular chamber and the cover relative to the annular chamber, respectively, by sealing rings.

29. (Previously presented) An assembly according to claim 23, wherein the supporting disc is sealed relative to the annular chamber and the cover relative to the annular chamber, respectively, by sealing rings.

30. (Previously presented) An assembly according to claim 24, wherein the supporting disc is sealed relative to the annular chamber and the cover relative to the annular chamber, respectively, by sealing rings.

31. (Previously presented) An assembly according to claim 19, wherein the hydraulic medium forms an elastic formed member.

32. (Previously presented) An assembly according to claim 22, wherein the hydraulic medium forms an elastic formed member.

33. (Previously presented) An assembly according to claim 25, wherein the hydraulic medium forms an elastic formed member.